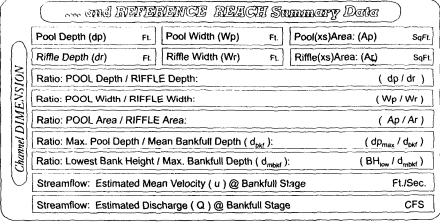
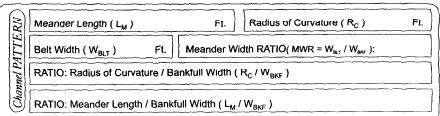
THE REFERENCE REACH FIELD BOOK

	Streem C	Thannel Cla	ssilficethic	m (Leve	III)	
Stream NAM	ΛΕ:					
Basin NAME	= :		Drainage	AREA:	Ac	SqMi.
Location:)
Twp:	Rge:	Sec:	Qtr:	Lat	Long	
Observers:				Da	nte:	
L	1	WIDTH (W _{bl}	_		Ft.	
	Mean DEPTH (D _{bkf})Ft. Mean depth of the stream channel cross-section at the bankfull stage elevation. Width / Depth RATIO (W / D) Bankfull width divided by bankfull mean depth. Maximum DEPTH (D _{mbkf})Ft. Maximum depth of the bankfull channel cross-section, or distance between the bankfull stage and thalweg elevations. Flood-Prone Area WIDTH (W _{fpa}) Ft. Twice maximum depth, or (2 x D _{mbkf}) = the stage/elevation at which flood-prone area width is determined.					
	Entrenchment Ratio (ER)_ The ratio of flood-prone area width divided by bankfull channel width: W _{fpa} / W _{bkf})					
	Channel Materials (Particle Size Index) D50mm. The D50 particle size index represents the mean diameter of channel materials, as sampled from the channel surface, between the bankfull stage and thalweg elevations Water Surface SLOPE (S)Ft./Ft. Channel Slope = "rise" over "run" for a reach approximately 20 - 30 bankfull channel widths in length, with the "riffle to riffle" water surface slope representing the gradient at bankfull stage.					
	Sinuosity is an in	SINUOSITY ndex of channel pattern, de UVL); or estimated from	etermined from a rat	tio of stream length be divided by chann	divided by el slope (VS/S).	
	Stream	n Type		For reference, p184, Stream p185, Classific	Type Chart	





	Valley Slope	Ft./Ft.	۱۲	Ave.	Water Surface Slope	Ft./F	t.
	Riffle Slope	Ft./Ft.	1	Poo	l Slope	Ft./F	t.
	Pool to Pool Spacing		Ft		Pool Length	Ft./F	t.
RATIO: Riffle Slope / Average Water Surface Slope RATIO: Pool Slope / Average Water Surface Slope RATIO: Run Slope / Average Water Surface Slope							
P	RATIO: Glide Slope / Average Water Surface Slope RATIO: Run Depth / Mean Depth-Bankfull RATIO: Glide Depth / Mean Depth - Bankfull						
anne							
3	RATIO: Glide Depth / Mean Depth - Bankfull						
	RATIO: Pool Length / Bankfull Width						
	RATIO: Pool to Pool Spacing	/ Bankfull	W	idth			

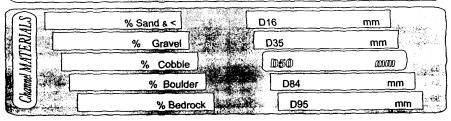


TABLE 5-3. Reference reach field data form for stream classification.

			8 8	
	4E:	Qtr.	FUFt FUFt ist/Valley Dist.)	
'PE:	BASIN NAME:	Sec	Channel SLOPEFU/Ft Valley SLOPEFU/Ft SINUOSITY (Stream Dist/Valley Dist.) D95mm	photo
STREAM TYPE:		Rge	Ft. (dms.)Ft. (Wr.) D84	
STR	DRAINAGE AREA:	Twp.	H	
REACH FIELD FORM SSIFICATION LEVEL II	DRA		Bankfull MAX> DEPTHFlood Prone Area WIDTH_ENTRENCHMENT Ratio	
E REACH			Ft. (Wou) Ft. (dou) D15mm	photo
REFERENCE REACH FIELD FORM STREAM CHANNEL CLASSIFICATION LEVEL II	STREAM NAME:	LOCATION:	Bankfull WIDTH Bankfull Mean DEPTH WIDTH/DEPTH Ratio Channel MATERIALS: (Pebble Count)	